

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Re: 1:30AM & IN LOVE
Message-ID: <67988.ddillman@igc.apc.org>

On Sat, 3 Aug 1996 00:29:08 -0500 (CDT),
Steve Ellington <n41q@iglou.com> wrote:

>I just got back from a 14 hour drive to pick up a 75A-4 and 32V-3. It's
>1:30 AM and I'm setting here savoring each static crash on this thing. Is
>this dedication or insanity?

It's obsession. And give thanks for being obsessed, I'd say. Only
with that depth of involvement does one get to savor such moments.
After all, you could be hearing the same static crashes on a modern
Drake R-8A after a casual shopping trip to the radio store. But
there'd be no chance for such a 0130 moment with the Drake.

Oh, and congradulations!

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "M. E. Monninger" <markem@primenet.com>
Subject: Re: 1:30AM & IN LOVE
Message-ID: <1.5.4.32.19960803161828.002e71cc@mailhost.primenet.com>

On Sat, 3 Aug 1996 00:29:08 -0500 (CDT),
Steve Ellington <n41q@iglou.com> wrote:

>
>I just got back from a 14 hour drive to pick up a 75A-4 and 32V-3. It's
>1:30 AM and I'm setting here savoring each static crash on this thing. Is
>this dedication or insanity?

A few weeks ago, AA7TQ and I drove from Phx to Albuquerque (15 Hra round trip,
all the same day) to pick up a KWM-2, Station Monitor, & PS.

It was worth the trip.

Good to know we're not the only Collins crazies around here...

73... Mark AA7TA

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: 350hz Variac at 60hz
Message-ID: <320410AC.23CF@txdirect.net>

Dennis:

Don't plug that into 60 cycles as it will provide almost a direct short at that frequency. Unless you know of a use in a 450 to 400 hz application, deep six it.

Bill Ross
K5LLK

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: bill@skeeter.frco.com (William Hawkins)
Subject: 400 cycle Variacs
Message-ID: <9608041741.AA06173@skeeter.frco.com>

Somebody suggested that all 400 cycle variacs should be thrown out. Please throw them my way. High current variacs are expensive.

I took a 5 amp GR 400 cycle unit and put it in series with a 100W bulb, with an AC voltmeter across the variac. Using a 60 cycle variac, I turned up the voltage. The volts across the 400 cycle unit wouldn't go higher than 55, which indicates saturation. You can also hear it buzz. But 55 is way over the 20 volts that you'd expect from the rating plate, so there's a generous safety factor. Nothing wrong with using a 60 cycle step down to 24 VAC, then using the variac to adjust the voltage to some heavy diodes and capacitors to get a nice supply for that R-392 or R-391 autotune, or any number of dynamotors from 6 to 28 VDC.

Regards,
Bill Hawkins

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Michael Crestohl <mc@shore.net>
Subject: 800 series digests.....800 teries tubes
Message-ID: <199608041327.JAA11775@northshore.shore.net>

Hello Everyone:

Someone recently posted a ditty about the venerable 807 to coincide with

Boatanchors Digest #807 and it occurred to me that there could be an opportunity here to reflect and expound on the different 800 series tubes.

This posting could very well end in Digest 813 and what a classic firebottle the 813 is! I ran one in my old ART-13 years ago and it took all the abuse I could give it and never complained.

Good tube!

What other 8-- series tales can we come up with?

73,

Michael Crestohl, KH6KD/W1
mc@shore.net

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: dt@artscience.scotborders.co.uk (David Topham - Arts & Science)
Subject: A historic memorandum
Message-ID: <199608041446.QAA01924@sun.scotborders.co.uk>

Hi gang,

I am clearing out my office and I came across a copy of this memo, I think it is BA as it concerns Pye Ltd, who were a major and pioneering force in radio in the UK before being absorbed into Philips:

=====
To all sales representatives, from the Chairman:

"We have to go out and sell, looking for orders in quantity with a positive feeling of optimism and inspire the Dealer to divert the interests of the public from rumour and gossip to the need for buying better radio - radio that will get more distant stations - in these stirring times, and new radio now that there is money in circulation and there is an opportunity for creating new employment.

There are more people at work today than for ten years. There is more money in circulation than ever in the history of this Company. There are more things to hear on the radio today than ever before. Savings are increasing as evidence that the public can spend money. Feel these things and you can make your Dealers feel them"

4th July 1939

=====

Hmmm! David Topham GM3WKB dt@artscience.scotborders.co.uk

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: MAB@delphi.com
Subject: Another One-Tube Superhet Wonder
Message-ID: <01I7UTASAXJC8WWJKV@delphi.com>

Came across an interesting one-tube AM superhetrodyne receiver circuit called the "Minidyne" in Popular Electronics, Sep 1956. This one is a bit different from the "one-tubers" built around compactrons in that it uses a 9-pin miniature, a 6U8, and a passive mixer. Here's the circuit in a nutshell.

The signal is picked up by a ferrite loop antenna tuned by the 365 mmfd RF section of a dual variable condenser. A low-impedance tap feeds a germanium diode mixer which then feeds the low-impedance side of a 455 kc IF transformer (a type designed for use in sand-state circuits - in this circuit it's used "backwards") which is in series with a low impedance take-off winding of the L0 coil which is tuned by the L0 section of the dual variable condenser. The 6U8 triode functions as the L0. The IF signal is amplified by the pentode 6U8 section feeding a diode-output IF transformer with a germanium diode detector in series with the IF secondary. The AF signal appears across a 1 Meg volume control and is fed back to the pentode section which doubles as an AF amplifier (this is the classical "Reflex" amplifier). The AF output is developed across a universal output transformer whose primary is in series with the IF output transformer primary and whose secondary directly feeds a loudspeaker.

An interesting "minimalist" circuit and a good way to use up all those "pesky" 6U8s! This one's definitely going into the winter project queue. My only concern is that there could be significant L0 radiation if an external antenna is connected to the input. I'll send out photocopies of the article to anyone who sends a SASE - 32 cents should do it - non-USA requesters don't need to worry about the stamp.

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/-----\  
| Michael A. Burke          THIS SPACE |  
| Synetics Consultants     FOR RENT   |  
| PO Box 439, 11 Scenic Dr  REAL CHEAP! |  
| Westminster, MA 01473    |  
| 508-874-0908             |/=\\|      |  
| mab@delphi.com           {}(0|0){}    |  
|-----oo00-( )-00oo-----|
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|
| Do unto others as they would be done unto |
and practice random acts of kindness.

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "E.Swain/T.Boyd" <lizboy@io.com>
Subject: ARRL Handbooks for trade
Message-ID: <Pine.BSI.3.95.960804072839.7078A-100000@xanadu.io.com>

I have surplus ARRL Handbooks, 1962 and 1969. These are in good but not mint condition - complete, no torn or marked up pages. Covers are not loose but show use.

I would like to trade for other editions: late fifties or sixties editions *except* 1960, 1961, 1965, which I already have (along with '62 and '69, of course).

Tom
lizboy@io.com

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: kilgore@dev.tivoli.com (Jeff Kilgore)
Subject: Austin hamfest report
Message-ID: <9608040248.AA06777@wichita.tivoli.com>

Well, I'd say the Austin hamfest was a worthwhile diversion for me. I ended up with the following:

1. TMC GPR-90 receiver, purchased from Niel Wiegand. Looks very nice, and seems to work quite well also. I'm looking forward to playing with this one and anticipate it will be one of the showpieces of my collection for many years to come.
2. SP-600. Seems to work ok, except for very low audio. It's in an awful wood case, the front panel could stand to be refinished, and there is a small crack in the meter face, but it should come out looking fine in the end. I don't know when I can get around to it, but it will definitely cut in line ahead of some of my other waiting projects.
3. Heath-Daystrom DX-60. It looked so lonely, and I am awaiting the imminent arrival of a DX-60A, so at \$40 I couldn't pass it up. Haven't had a chance to fire it up, but it should clean up nicely. It has two front panel switches added, one to turn off the B+ and the other is a send-receive switch. The bandswitch is very smooth and positive, but the VFO-crystal switch is

very stiff and does not click into position at all. I'll have to look into it.

4. Drake 2-BQ. I finally found a Q-mult/speaker for my Drake 2-B. The guy wanted \$100 for the 2-BQ and 2-B, but the 2-B was in pretty bad shape inside. He surprisingly agreed to sell me just the 2-BQ for \$35, so I grabbed it. Not bad cosmetically, and should look ok after some cleaning. I might even get brave and refinish the cabinet.

5. Hickok 752A tube tester. Haven't had a chance to fire it up, but the front panel and meter look very nice; the case is pretty ratty looking. I don't know anything about this model, but at \$15 I had to buy it.

6. General Radio Model 808 tube tester/multimeter. Neil Wiegand gave this to me Friday evening. Looks like it's all there, and I can't see anything obviously wrong, although I haven't fired it up yet. The bottom of the wood case is off and coming apart, but I have already assigned the task of making a new one to my Dad! Thanks Neil, I'll give it a good home!

7. A few odds and ends, including a BA net crystal and some old QSTs.

There was a reasonable selection of boatanchors available, some priced ok and some not. The butchered 75-A3 for \$300 stands out in my mind as an instance of the latter. There was an EAC R-390A for \$300; I offered him \$250, but he wasn't interested. I already have one R-390A, and while I would like another, there are a lot of radios I would like to have that I don't already have one of, so I had to pass on offering any more at this time.

Got to meet a number of fellow boatanchorites, and really enjoyed this part of the weekend. Several of us went to lunch and had a nice chance to socialize.

Well, I guess I'll wrap this up and get back to poring over my new acquisitions.

73,
Jeff Kilgore, KC1MK

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Bob Duckworth <rmd@ka4ybr.netmha.com>
Subject: Bargain at Fair Radio?
Message-ID: <199608041720.NAA07832@ka4ybr.netmha.com>

In need of a dummy load for HF?

I notice on page 35, Fair Radio catalog, a SWR power meter.
Bottom left corner.

I bought one of these elsewhere and thought it was a deal.

Fair has used good looking (what I would call mine)
for \$45.

600W rated resistor bank (probably better with a fan)
power meter.
52ohm
SWR bridge and meter built in.

Replaced the old nasty cantenna with it.
Great for testing BA HF TX.

-bob
WB4MNF

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Andy Wallace <wallace@mc.com>
Subject: Do you drive your boatanchor?
Message-ID: <9608021948.AA12895@taku>

DO YOU DRIVE YOUR BOATANCHOR?

Back in 1984 I had a 1969 Plymouth Roadrunner. Circumstances, and a demanding father, forced me to get rid of it after several months, and I still miss that car.

But nowadays I look over the small stable of radios I've collected since then. What do I have? Why...they're all basically from before 1971 and I think most car buffs would call them antiques. They're all fairly heavy, painted metal wonders produced when times were different. They have large, satisfying knobs. Some have chrome. They light up. They even smell nice when they're operating properly!

In many ways, restoring and collecting boatanchors is like having an antique car. But in other ways, the boatanchors are better. You can drive your boatanchors no matter how much snow is on the ground. Their performance can approach that of their modern equivalents, at least as far as squirting a signal into the ether is concerned. Sometimes a pleasant weekend is spent repairing, cleaning, polishing, aligning, using, or searching for a favorite boatanchor. Heck, you can even drive your favorite boatanchor while wearing just your skivvies! You can't take your girl for a spin

in a boatanchor but then I guess we can't have everything.

But I think of all the antique things I could collect -- how many of them are like boatanchors? How many could you use EVERY DAY? How many of them could you find replacement parts and documentation for without an extraordinary amount of trouble? How many of them are completely compatible with their current models? How many antiques have whole flea markets devoted to just that one genre?

I don't have a garage, and really can't spare the money for another antique car... So I guess I find pleasure in restoring these little metal bargains that whiz down the highway of the air without leaving the desk.

Even the models of boatanchor have auto equivalents:

Model T -- common, dependable, affordable. (Collins R-390A)
Tucker -- rare, a pinnacle of design for the day. (Collins KW-1)
Cadillac -- great styling, beautiful paint, beautiful curves. (National HRO-50/60)
Edsel -- odd looking, rare, one-of-a-kind (Hammarlund PRO-310)
Dodge -- it works. (Any Hallicrafters) :-)

This is all in fun and I don't mean to praise or pan any particular brand or model, just to illustrate my point. But think about this next time you're waxing your NC-183D or adding a quart of oil to your R-390A.

73,
--Andy
wallace@mc.com

(Internet connection troubles this morning; resent just in case.)

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Andy Wallace <wallace@mc.com>
Subject: Re: Equipment Identification -- HROjr
Message-ID: <9608021958.AA12908@taku>

----- Begin Included Message -----

From: jproc@worldlinux.com
Subject: Equipment Identification

Can anyone elaborate on the following gear:

HRO 'Junior' Receiver

Not being an HRO expert, were there a lot of variants?

----- End Included Message -----

Jerry, the HROjr may actually be an RAS model, made for the US Navy. I have one which I got from another BA member, Deke Lightfoot. It's similar to the early black wrinkle HROs and is different in that it has no crystal filter or phasing control, and no S-meter. The controls are AF gain, RF gain, B+ switch, and BFO pitch with on/off switch. The coils are held in with special levers which I don't remember seeing on the ordinary HRO-5 variety. These aren't like the HRO-50's. The IF is 175 kc also, so ordinary HRO coils won't work in the rig. But if you're lucky, it will have all seven coilsets which cover 0.19 - 30 Mc.

The civilian version is the HROjr and probably has no nametag on the front.

The rest of the RAS station consisted of an angle iron open frame rack, and rackmount speaker, power supply, and coil storage cabinet.

I'm sure my RAS could use an alignment, but as-is it is fun to tune around.

And as long as I'm on the subject, I still need all the equipment nametags for my set, if someone has a junker.

73,
--Andy
wallace@mc.com

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
Subject: FS: TV-2B/U tube tester

TV-2B/U Test Set. Good condition, clean, complete with spare tubes, fuses and pilot lamp. Original manual.

\$250 + shipping for about 40 lbs. Email for full description.

Don Reaves WA5BBS dr@cei.net
46 Arbor Oaks Drive
N. Little Rock, AR 72120

----- Forwarded message ends here -----

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: pmills@cyberhouse.com (Phil Mills)
Subject: FS: xmtrs, rcvr, scopes, etc
Message-ID: <199608041434.JAA06312@ns.cyberhouse.com>

I am cleaning out some things to boost the BA budget and concentrate on higher quality and lower quantity....I have the following for sale.

Prices DO NOT include shipping. If price is too high for you, make an offer. I frequently travel through Texas, Louisiana, Arkansas, and Oklahoma on business so could possibly arrange to meet/deliver. If you are interested in anything, please e-mail me for details on condition, etc, at pmills@cyberhouse.com.

Thanks,
Phil

Tek scopes, 545B, 503, 547, 549, 535A \$25-\$30 each. All have a trace and do not show any signs of "double peak."
Johnson Viking II's, both work, one modified, \$100 for one and \$60 for the other.
B&W 5100-B, needs work, \$175
B&W 51SB-B ssb adapter, looks great, untested \$75
B&W Matchmaster 650, looks gret, untested, \$45
Hallicrafters HT-32, needs work, \$100
Hallicrafters SX-101, very nice condition, \$150
Hallicrafters R46B speaker, untested, \$40
Heath SB-401, very nice, all xtals, tested, \$120

Phil Mills, AB5TH
pmills@cyberhouse.com
713-992-5762
Friendswood, TX (just south of Houston)

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Fwd: FS: TV-2B/U tube tester
Message-ID: <68011.ddillman@igc.apc.org>

----- Forwarded message begins here -----

From: Don Reaves <dr@PROBLEM_WITH_INEWS_DOMAIN_FILE >
Newsgroups: usenet.rec.radio.swap, usenet.rec.antiques.radio+phono
From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: howellh@winthrop.edu
Subject: HW-101 Book/cables
Message-ID: <96080404365493@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message

Date: 04-Aug-1996 04:20am EDT
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: HW-101 Book/cables

Just returned from a week in Olympic Whitewater Country (fancy new name for the hardscrabble mountains of East Tennessee) and dropped in on a new hamfest Saturday in Ellijay, Georgia. Ran into a number of Boatanchorites and picked up a couple of goodies.

Grabbed a rought HW-101 with the supply for cleaning and restoration. Need the book (would love the complete construction manual, but the tune-up/schematic part is a must.

Also, could use the power cable. Yeah, I know I can make one up, but...

Remember a recent post on replacing the cords. Was it vacuum cleaner drive belts or what?

I built a HW-101 in Saigon in 1973-74. Was a boy television correspondent trying to wedge a story or two on the air during Watergate. Like the Maytag repairman, I spent many hours at my desk in the Hotel Caravelle putting the baby together. It was the rig that got me back on in 1975.

The insanity of the story is that I was stepping over crated S Lines, KWM-2As, etc. in the theives market between my flat and the hotel. I still wake up in a cold sweat remembering those babies!

Haney no2n <howellh@winthrop.edu>

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: k7yha@juno.com (Richard H. Arland)
Subject: Juno Software strikes again!
Message-ID: <19960804.014344.7895.3.k7yha@juno.com>

Gang:

Just reloaded my Juno "E=Mail Otta Be Free" software for the fourth time.

Had a glitch earlier in the day and ended up dumping my entire message file database along with all my address book. Therefore, if I owe anyone an e=mail, sorry about that "Ping" me and refresh my memory.

73 rich K7YHA

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Neal McEwen <nmcewen@metronet.com>
Subject: Key Collectors Web site, major updates
Message-ID: <3204EA82.670@metronet.com>

I have made many updates and additions to the Telegraph Keys Collectors Web site. Find information there about your old key. The URL is shown below. Your comments are welcomed.

--

73 de K5RW, Neal McEwen nmcewen@metronet.com - Richardson, TX (Dallas)
WWW Page for Telegraph Key Collectors and Historians
<http://fohnix.metronet.com/~nmcewen/ref.html>

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: aa4rm%amos@mathcs.emory.edu (AA4RM's)
Subject: Late breaking sked
Message-ID: <9608040433.AA00147@amos>

AA400RM will be on 14286 for that last possible 30 min. interval from the Int'l Broadcast Ctr ham station @ ~6:30A EST on Sunday 8/4.
French have forced quiet hours after 7A & stn. dismantled 18 hrs later.

Rig will be IC-735 / IC-4A kw / Force 12 on 170' u-wave tower. Mode SSB

unless AM looks promising for a couple 'o quickies.

This was the only ham station that could be called Olympic. The 'other one,' W960, was ARRL-affiliated 'summer games.'

Hope to see some of the B-A dream team.

Marty

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "F r6fqHo!ht" <75121.100@CompuServe.COM>
Subject: MSR-9
Message-ID: <960804042705_75121.100_FHI9-2@CompuServe.COM>

<Gary Wrote: I just found a SSB adaptor for my R-390A. It is a model MSR-9, s/n 43846.

<

Gary, thought I had what you needed but found that I only had the manual for the MSR-4. Perhaps someone else can come through for you.

TO the gang!

While looking for the book for Gary, I ran across a FRR-49 book. This receiver consists of a subassembly and one of many plug-in tuning drawers. Freq drawers are 500 kc, 200 to 400 kc, 100 to 200 kc, 50 to 100 kc, 2 to 4 mc, 4 to 8 mc, 8 to 16 kc, and 16 to 32 mc.

To enable full coverage, without having to constantly change out the tuner units, one would have to have quite a few of the sub assemblies to plug into.

Does anyone have these or know how well these work? I 've never heard anyone talk about them. Perhaps they are too much trouble to operate.

Regards from Hawaii,
Raymond J. Cote

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Benjamin D. Hall" <bdhall@ghgcorp.com>
Subject: R-390A update, Racal RA6790GM update, Austin hamfest
Message-ID: <3204058F.6C75@ghgcorp.com>

Hello everyone and welcome to another exciting episode of Ben's

continually good luck with boatanchors, and lousy luck with solid state stuff.

Good news: R-390A is now working wonderfully. For those of you who don't remember or missed the first post, I could only get local audio out of this set when the zero adjust was turned to the fully engaged position. Well, I flipped her over (not a trivial task) and opened up the bottom panel. A lot of people suspected a short in the wiring by the local gain pot, so I looked for shorts. (Thanks to all the folks who wrote, y'all were right!) AH HA! Bare wire on a peice of metal, and the peice of metal flexed slightly away from the wire when zero adjust was cranked down. Gotcha! Fired it up, no dice. Jeez, that wasn't it? Accidentally, while I still had her powered on, I noticed that pulling on the front panel near the local gain pot caused the audio to work. Hmmm, interesting. Found that pushing on the back of the local gain pot with an insulated screwdriver also fixed the problem. Wierd. Might be the pot, but maybe there is another short. Got out the flashlight, peered at the wiring leading to the pot, and noticed that one of the wires leading to the pot was squished in between the front panel and the front panel's support. That isn't right. So I loosened up the front panel screw for that area, and freed the trapped cable. Fired her back up and WHALLA! Audio without fooling around with the zero adjust knob or pushing/pulling on things.

In my earlier message, I indicated I was a little upset about this radio, becuae I had paid the extra dough to get it in the used/checked condition from Fair Radio. Upon arrival, two slugs were detached from their wires (springs), and then the audio problem. The slugs I wrote off to poor UPS handling procedures. The more I think about it, the tech at Fair probably didn't have the audio problem becuae no one with half an iota of decency would ship a radio knowing that. I imagine she worked fine out the door, and rough UPS handling shifted things around so that it began to short out. I hereby withdraw my criticism of Fair Radio; I don't think either problem was their fault.

So far, my impressions of this radio are nothing short of wonderful. Mine isn't single finger smooth, but is close. Sounds good (the local audio sounds wonderful thru one of my home stereo speakers since I fried the little monitor speaker, more on that later) and I don't know what people who complain about bad audio quality are complaining about. Okay, it isn't push pull 6AQ5 or p-p 6V6 loudness and quality, but it is pretty darn good.

Some folks have expressed interest in purchasing Racal RA6790GM's. Picked up one this weekend, and it is in A-1 shape and works very, very well. Had it running side by side with the R-390A, and guess which one I am listening to now? The R-390A. Sure the Racal may be slightly more sensitive and have better filtering, but the audio output thru the

headphones isn't impressive, as I had no speaker for it (read on) and didn't want to disconnect the other stereo speaker from the living room.

Will need to make up a connector and get a monitor speaker on it for a real test between the two.

The Austin Hamfest today was a BLAST! Rode out with Ray Mack and two of his kids, and met up with everyone who said they were going to be there. Much conversation ensued, and we procured food at Taco Cabana for lunch. It was nice to meet everyone! BA action was good, but I wasn't looking hard as I had \$60 to my name and wasn't looking for another radio. I did however buy that semi-ugly looking 5 ft rack unit to house all the rack stuff that is lying around wanting a home. Also purchased a solid state (boo hiss, yes I am a sinner I know) Spectro Acoustics 500SR audio power amp (anyone got manual/schematics, long shot I know) for \$6 as a possible amp for the R-390A, before I knew the R-390A audio was good. Did the usual checks, plugged her in, hooked up my 4" 8ohm radio speaker, and gave her input from a small radio, got good audio. Went to other channel and smoked the speaker with no output. <Insert smoke here> Burned voice coil. Culprit: Speaker terminal output is 5 volts DC upon turn on rising to about 35 volts before I stopped monitoring. Seems like a shorted transistor or something, will be taking this one up with the folks in sci.electronics.repair. Moral of the story: always be prepared for that unexpected failure mode. Anywho, quick back of the envelope calculations and observations leads me to beleive that this amp is in the 300 watt per channel range, has a 10amp primary fuse and 10 T0-3 can transistors per channel, and combining this with the R-390A would give me the loudest R-390A ever, HAH HAH HAH (evil laugh)!!!!

Thanks and 73,

Ben

--

From the computer of
Benjamin D. Hall, Houston Texas
BDHall@GHGCorp.com -or- BHall@GP802.JSC.NASA.gov

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Bob Ragain, 303-470-2534, RAGAIN@SEDALIA.OMNES.SLB.COM"
<RAGAIN@hubvx6.sedalia.wireline.slb.com>
Subject: R390A slugs and cables
Message-ID: <960803162657.250205d1@hubvx6.sedalia.wireline.slb.com>

Fellow BA'ers,

Just read of a new R390A owner who discovered disconnected RF slugs in an

R390A. I recently purchased a local R390A, lovingly drove it home on a cushion of carpet, and later found a disconnected slug in an RF coil which probably was attached before the 30 minute trip. Imagine the possible results of a crosscountry ride in a UPS truck!

The old grout cleaned out OK with an X-acto knife and 5 minute epoxy made quick work of the connection using the original cable.

I noticed that several of the other cables were kinked and twisted, probably from a high-torque close encounter with a GI tech/tweaker years ago, but I'm ready for that too.

The real reason for this note is to recommend guitar strings (the twisted multistrand stainless steel kind) as replacements for those PTO slug connection cables. There are several sizes available at music stores. My teenage son will never figure out how that string (now in my "spares" box) fell off his base guitar at both ends and got lost :-)

Anyone need one of the twinaxial plugs for the balanced antenna input on their R390A? I picked up several at a reasonable(?) cost: Amphenol with solder pins and clamp nut, new in bag: \$5.50 including snail mail in CONUS. Cutoff plugs with short piece of coax: \$4.00 including mailing in CONUS.

Also have some odd lengths of twinax cable (Belden 9207 or equiv). Let me know what length you need, maybe I can come close (\$0.20 per foot plus shipping cost).

Bob

Bob Ragain WB4ETT WB4ETT@SLB.COM 303-794-4396 evenings, 303-470-2534 days
(I agree: Old cars, heavy radios, etc, just like us!)

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Robert Fowle (KC8DBC)" <hammarlund@jacksonmi.com>
Subject: Re: SP600 's in Australia
Message-ID: <19960804041224656.AAA267@LOCALNAME>

At 01:23 PM 8/4/96 +-1000, you wrote:

>Hi,

>

>My name is Mark Fort, I live in Queensland (the deep north!) Australia.

>

>My question is - do you know of any Hammarlund enthusiasts here in

>Australia. I am looking to purchase an SP600 - whilst there are plenty
>available in the USA the freight makes purchasing there less attractive.

>

>Thanks for your help

>

>Mark Fort

>

Mark;

i'm sorry, i don't. I've also reposted this to a group of people,
who may be able to help....If anybody on the BA group can help Mark, please
feel free to do so....

thank you

=====]-->

Robert Fowle KC8DBC

The HAMMARLUND Historian

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HAMMARLUND LITERATURE WANTED

WANTED: MANUALS FOR ANY MAKE RADIO EQUIPMENT

=====]-->

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996

From: Bob Duckworth <rmd@ka4ybr.netmha.com>

Subject: Re: SP600 's in Australia

Message-ID: <199608040428.AAA03467@ka4ybr.netmha.com>

Anyone heading to VK land? Taking one as checked baggage wouldn't
be a lot of trouble.

Lufthansa has the lowest air cargo rates by far if anyone is
contemplating international air shipment of BA gear.

I have shipped used computer gear to USA from Europe with
them and been very satisfied.

-bob

WB4MNF

Anyone know IF freq of Knight R55? Can't hear the BFO but
scope tells me it's running.

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Re: Strange Sweep Gen. & "What the Heck" dept. (long)
Message-ID: <Pine.SUN.3.91.960804125253.20453A-100000@indy2>

Hi!

While Larry's particular sweep generator is new to me, the principle of it is not--RCA used the exact same trick many years ago. The first practical (and affordable, though not by ham or TV service standards!) sweep generator for tuning TV transmitters used a modified speaker driving a mechanically-variable capacitor. It also had a few hundred pounds of ancillary filtering, shaping, variable-pedestal trickery etc., which gave the user a swept video output with the usual sync and variable APL (average picture level).

The whole thing took tuning TV transmitters out of the realm of Pure Magic and made it an art or craft. Never has been a science; to this very day, the manuals show a picture of what the swept output should look like and tell the tech to turn the knobs 'til it looks like that (while making power--you tend to trade power for bandwidth so it's a tricky process). "Peak the grids and dip the plates" it's not, but it certainly works well! ..Even if it does mess up one's reflexes when confronted with a plain ol' Class C conventional RF amp....

For things like evaluating filter response (frequency domain!) and tweaking wide-bandwidth IFs (basically the same thing), a good sweep generator and a spectrum analyzer are just the thing. Mighty powerful stuff. While there are some linearity problems (and microphonics) in the simple electromagnetically-variable capacitor approach, it works quite well enough for many applications.

73,
--Bobbi

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Vanilla HQ-145 Manual
Message-ID: <UPMAIL03.199608032307220128@msn.com>

Gang, I've been using a HQ-145A manual to troubleshoot this little beast. Normally that would be OK. But around the ant coil section there is a big difference.

All I really need is a schematic. Can't lay my hands on my last SAMS catalogue. Maybe it's in there.

Remember, its a vanilla HQ-145. I will make it attractive to the owner of same if they reply..

Your Friend Al
fritsche@msn.com

From boatanchors@theporch.com Sun Aug 4 14:24:34 1996
From: Bob Duckworth <rmd@ka4ybr.netmha.com>
Subject: Wandel and Golterman manual needed. TRC-75 question.
Message-ID: <199608041458.KAA06646@ka4ybr.netmha.com>

Wandel and Goltermann SPM-16 selective level meter.
It's heavy enough to qualify as BA stuff.
I'm looking for, at a minimum, a block diagram showing
module function and interconnects.
I'd like to find a service manual.
I've tried all the used test equipment folks.
Thought someone here might have one stashed.

Tube content:

Have Boonton 202 FM signal generator.
Trade for controller for ARC58, ARC58 manual, cable or connectors
to fab cable from controller to radio, and whatever module is missing
from J6.
In anticipation of getting this going, Have an very nice HW-12 to trade for
a T-730.

Anyone running a TRC-75 set?

-bob
WB4MNF